Bruhat Bangalore Mahanagara Palike

Name of Work:Providing Kannada words/Alphabets and Sculptures in the premises of Allalasandra and Yelahanka lake in Yelahanka Projects Division

Modified Estimate

1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4 (PWD SR 2018-2019)								
Earthwork Excavation									
Compound Wall									
Ch: 0.00m to 15.00 m		1	15.00	1.0	1.55	23.25			
CH: 15.0m to 30.00 m		1	15.00	1.0	1.55	23.25			
CH: 30.00 m to 45.00 m		1	15.00	1.0	1.55	23.25			
CH: 45.00 to 60.00m		1	15.00	1.0	1.55	23.25			
CH: 60.00 to 60.60m		1	0.60	1.0	1.55	0.93			
Footing		13	1.50	1.5	2.2	64.35			
Deduct		-13	1.50	1.0	1.55	-30.23			
Stage Platform									
Long Wall		2	13.00	1.2	1.55	48.36			
Short Wall		2	4.40	1.2	1.55	16.37			
Column Footing		5	1.50	1.5	5.7	64.13			
Deduct Footing		-1	1.50	1.2	1.55	-2.79			
Deduct Footing		-4	1.20	1.2	1.55	-8.93			
VIP Gallery									
Column Footing		9	1.50	1.5	3.05	61.76			
SSM		1	28.00	1	1.55	43.40			
Retaining Wall		1	12.9	1.5	2.4	46.44			
Deduct Column		-7	1.50	1	1.55	-16.28			
Deduct Column		-2	0.55	1.5	2.4	-3.96			
Elephant (Attur Circle)									
Site cleaning		1	11.00	7.50	0.35	28.88			
Column Footing		2	1.50	1.5	2.45	11.03			
Bullock Cart (Kogilu Junction)									
Site cleaning		1	19.20	5.4	0.3	31.10			
Platform		1	5.6	2.75	0.75	11.55			
Globe near Seshadripuram college									
Site cleaning		1	8.60	5.72	0.25	12.30			
Curved portion		0.5	5.72	1.5	0.25	1.07			
Platform		1	1.6	1.58	0.7	1.77			
Auto near (BWSSB Office)									
Platform		1	3.2	1.58	0.8	4.04			
Horse Below (Savarkar flyover)									
Platform		1	2.92	1.42	0.7	2.90			
Ashoka Pillar nearby mini vidhana soudha									
Platform		1	3.45	3.40	1.10	12.90			
Horse Granite Flooring		2	4.87	0.96	0.20	1.87			
		2	1.47	0.96	0.20	-0.56			
Horse Grass Laying		1	14.00	7.00	0.20	19.60			

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Deduct Horse , Bull	-2	4.87	3.40	0.20	-6.62				
Flyover Column	-1	1.60	1.60	0.20	-0.51				
	1	10.80	1.00	0.20	2.16				
Elephant Grass	1	10.80	0.75	0.20	1.62				
	2	0.97	3.60	0.20	1.40				
	1	9.00	8.00	0.20	14.40				
	1	46.10	0.30	0.40	5.53				
Kerb, Allround Elephant									
For Sand Pit Behind Auto, Tractor and Car	1	20.65	0.50	0.75	7.74				
Inside Sand Pit	1	19.80	2.37	0.35	16.42				
For Walkway Pavers	1	1.70	2.85	0.30	1.45				
	1	23.70	2.00	0.30	14.22				
	1	4.00	8.90	0.30	10.68				
	1	2.10	8.00	0.30	5.04				
	1	1.10	2.10	0.30	0.69				
	-1	2.40	1.00	0.30	-0.72				
Deduct									
For Vidhansoudha Grill									
East Side	1	56.8	0.8	0.75	34.08				
Western side	1	105.5	0.8	0.75	63.3				
Guy Wire Below Ground	4	1.2	1.2	1.2	6.912				
Building									
for Building Footing	9	1.5	1.5	1.5	30.38				
Plinth beam									
Long Wall	1	6.65	0.45	0.55	1.65				
--do--	1	2.45	0.45	0.55	0.61				
--do--	1	4.3	0.45	0.55	1.06				
Short Wall	3	7.25	0.45	0.55	5.38				
For Compound wall footing	11	1.2	1.2	1.5	23.76				
For Compound Wall	1	23.8	0.75	0.75	13.39				
Column Footings Below Seating Area	8	1.2	1.2	1.5	17.28				
For Plinth Beam	2	7.4	0.45	0.5	3.33				
--do--	2	5.2	0.45	0.5	2.34				
Approved Amount	**480.70**				**799.89**	**480.70**	**384507**		

2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100 mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15 (PWD SR 2018-2019)								
	Compound Wall								
	Ch: 0.00m to 15.00 m	1	15.00	1.00	0.2	3.00			
	CH: 15.0m to 30.00 m	1	15.00	1.00	0.2	3.00			
	CH: 30.00 m to 45.00 m	1	15.00	1.00	0.2	3.00			
	CH: 45.00 to 60.00m	1	15.00	1.00	0.2	3.00			
	CH: 60.00 to 60.60m	1	0.60	1.00	0.2	0.12			
	Footing	13	1.50	1.50	0.2	5.85			
	Deduct Column	-13	0.23	0.2	0.2	-0.12			
	Stage Platform								
	Long Wall	2	13.00	1.2	0.2	6.24			
	Short Wall	2	4.40	1.2	0.2	2.11			
	Column Footing	5	1.50	1.5	0.2	2.25			
	Deduct Footing	-5	0.40	0.4	0.2	-0.16			

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VIP Gallery									
Column Footing		9	1.50	1.5	0.2	4.05			
SSM		1	28.00	1	0.2	5.60			
Retaining Wall		1	12.90	1.5	0.2	3.87			
Deduct Column footing		-2	0.30	1	0.2	-0.12			
Deduct Column		-2	0.40	0.4	0.2	-0.22			
Elephant (Attur Circle)									
Column Footing		2	1.50	1.5	0.2	0.90			
Platform		1	3.54	1.67	0.2	1.18			
Bullock Cart (Kogilu Junction)									
Platform		1	5.6	2.75	0.2	3.08			
Globe near Seshadripuram college									
Platform		1	1.6	1.58	0.2	0.51			
Auto near (BWSSB Office)									
Platform		1	3.2	1.58	0.2	1.01			
Horse Below (Savarkar flyover)									
Platform		1	2.92	1.42	0.2	0.83			
Ashoka Pillar nearby mini vidhana soudha									
Platform		1	3.45	3.40	0.20	2.35			
Tower Footing		1	4.00	4.00	0.20	3.20			
Retaining wall footing		1	11.20	3.00	0.20	6.72			
Deduct Footing Portion		-1	4.00	0.55	0.20	-0.44			
Column footing		4	1.50	1.50	0.20	1.80			
Guy Wire Below Ground		4	1.2	1.2	0.2	1.152			
Approved Amount		**398.95**				**63.75**	**2600.49**	**165794**	
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4-1.3, 4.3 Pg No.13 Item No 4.3								
PCC									
Compound Wall									
Ch: 0.00m to 15.00 m		1	15.00	1	0.15	2.25			
CH: 15.0m to 30.00 m		1	15.00	1	0.15	2.25			
CH: 30.00 m to 45.00 m		1	15.00	1	0.15	2.25			
CH: 45.00 to 60.00m		1	15.00	1	0.15	2.25			
CH: 60.00 to 60.60m		1	0.60	1	0.15	0.09			
Footing		13	1.50	1.5	0.15	4.39			
Deduct Column		-13	0.23	0.2	0.15	-0.09			
Stage Platform									
Long Wall		2	13.00	1.2	0.15	4.68			
Short Wall		2	4.40	1.2	0.15	1.58			
Column Footing		5	1.50	1.5	0.15	1.69			
Stage Platform		1	11.80	5.6	0.15	9.91			
Deduct Footing		-5	0.40	0.4	0.15	-0.12			
VIP Gallery									
Column Footing		9	1.50	1.5	0.15	3.04			

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SSM	1	28.00	1	0.15	4.20			
Deduct Column	-7	0.40	0.4	0.15	-0.17			
Retaining Wall	1	12.90	1.5	0.15	2.90			
Deduct Column	-2	0.30	1	0.15	-0.09			
Floor Area (π x 4.5²)/2 =31.8 Sqm	1	31.80		0.1	3.18			
Elephant (Attur Circle)								
Column Footing	2	1.50	1.5	0.15	0.68			
Platform	1	3.54	1.67	0.15	0.89			
Bullock Cart (Kogilu Junction)								
Platform	1	5.6	2.75	0.15	2.31			
Globe near Seshadripuram college								
Platform	1	1.6	1.58	0.15	0.38			
Auto near (BWSSB Office)								
Platform	1	3.2	1.58	0.15	0.76			
Horse Below (Savarkar flyover)								
Platform	1	2.92	1.42	0.15	0.62			
Ashoka Pillar nearby mini vidhana soudha								
Platform	1	3.45	3.40	0.15	1.76			
Tower Footing	1	4.00	4.00	0.15	2.40			
Retaining wall footing	1	11.20	3.00	0.15	5.04			
Deduct Footing Portion	-1	4.00	0.55	0.15	-0.33			
Column footing	4	1.50	1.50	0.15	1.35			
For Sand Pit Behind Auto, Tractor and Car	1	20.65	0.45	0.15	1.39			
Inside Sand Pit	1	19.80	2.37	0.15	7.04			
For Walkway Pavers	1	1.70	2.85	0.15	0.73			
	1	23.70	2.00	0.15	7.11			
	1	4.00	8.90	0.15	5.34			
	1	2.10	8.00	0.15	2.52			
	1	1.10	2.10	0.15	0.35			
Deduct	-1	2.40	1.00	0.15	-0.36			
All round Ashoka Pillar for Granite	4	5.80	0.60	0.15	2.09			
Horse Granite Flooring	2	4.87	0.96	0.10	0.94			
	2	1.47	0.96	0.10	0.28			
For Vidhansoudha Grill								
East Side	1	56.8	0.8	0.15	6.816			
Western side	1	105.5	0.8	0.15	12.66			
Guy Wire Below Ground	4	1.2	1.2	0.15	0.864			
Building								
for Building Footing	9	1.5	1.5	0.15	3.04			
Plinth bram								
Long Wall	1	6.65	0.45	0.15	0.45			
--do--	1	2.45	0.45	0.1	0.11			
--do--	1	4.3	0.45	0.1	0.19			
Short Wall	3	7.25	0.45	0.1	0.98			
For Compound wall footing	11	1.2	1.2	0.15	2.38			
For Compound Wall Below SSM	1	22.8	0.6	0.15	2.05			
Column Footings Below Seating Area	8	1.2	1.2	0.15	1.73			
For Plinth Beam	2	7.4	0.45	0.15	1.00			

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	--do--	2	5.2	0.45	0.15	0.70			
	Room PCC Below Seating Area	1	11	3.1	0.15	5.12			
	Approved Amount	**5462.20**				**119.79**	**5462**	**654317**	
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14 Item No. 4.11								
	Compound Wall								
	Column Footings	13	1.00	1.00	0.3	3.90			
	Plinth								
	Ch: 0.00m to 15.00 m	1	15.00	0.4	0.15	0.90			
	CH: 15.0m to 30.00 m	1	15.00	0.4	0.15	0.90			
	CH: 30.00 m to 45.00 m	1	15.00	0.4	0.15	0.90			
	CH: 45.00 to 60.00m	1	15.00	0.4	0.15	0.90			
	CH: 60.00 to 60.60m	1	0.60	0.4	0.15	0.04			
	Columns	13	0.23	0.2	4.5	2.69			
	Deduct Column	-13	0.23	0.2	0.15	-0.09			
	Stage Platform								
	Column Footings	5	1.00	1.00	0.35	1.75			
	--do-- Pedestal	5	0.40	0.40	2.00	1.60			
	Plinth								
	Long Wall	1	12.20	0.2	0.3	0.73			
	--do--	1	12.20	0.2	0.15	0.37			
	Short Wall	2	5.60	0.2	0.15	0.34			
	Columns Above Plinth	3	0.23	0.2	3	0.41			
	--do--	2	0.23	0.2	1.1	0.10			
	VIP Gallery								
	Column Footing	9	1.00	1.00	0.80	7.20			
	--do-- Pedestal	9	0.50	0.50	1.55	3.49			
	Plinth								
	CH: 00.00 to 15.0 m	1	15.00	0.4	0.3	1.80			
	Ch: 15.00m to 28.00 m	1	13.00	0.4	0.3	1.56			
	Retaining Wall								
	Below RC Wall footing	1	12.90	1.1	1	14.19			
	Pedestal	1	12.90	0.6	1.05	8.13			
	Retaining Wall	1	12.90	0.2	3.3	8.51			
	Columns	7	0.40	0.4	2.5	2.80			
	--do--	2	0.40	0.4	3.3	1.06			
	Deduct Column footing	-2	0.30	1	0.15	-0.09			
	Lintel								
	CH: 00.00 to 15.0 m	1	15.00	0.2	0.15	0.45			
	Ch: 15.00m to 28.00 m	1	13.00	0.2	0.15	0.39			
	Beams								
	B1	1	13.70	0.4	0.8	4.38			
	B2 @ Middle	1	4.50	0.4	0.4	0.72			
	B2 @ Both sides	2	3.90	0.4	0.4	1.25			

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B3	1	11.97	0.4	0.3	1.44			
B3	1	9.00	0.4	0.3	1.08			
B3 Above Block work wall	1	28.00	0.4	0.5	5.60			
Slab (π x 5.2^2)/2 =43 Sqm	1	43.20		0.2	8.64			
Staircase Footing	1	1.22	0.45	0.75	0.41			
Waist slab	1	14.95	1.22	0.15	2.74			
Treads & Risers	9	1.22	0.3	0.15	0.49			
Elephant (Attur Circle)								
Column Footings	2	1.00	1.00	0.80	1.60			
--do-- Pedestal	2	0.50	0.5	1.55	0.78			
Plinth	1	6.70	0.23	0.25	0.39			
Columns	2	0.25	0.23	3.75	0.43			
Beam	1	6.70	0.23	0.25	0.39			
Platform	1	3.54	1.67	1.1	6.50			
Bullock Cart (Kogilu Junction)								
Platform	1	5.6	2.75	0.73	11.24			
Globe near Seshadripuram college								
Platform	1	1.6	1.58	1.00	2.53			
Auto near (BWSSB Office)								
Platform	1	3.2	1.58	1.13	5.71			
Horse Below (Savarkar flyover)								
Platform	1	2.92	1.42	1.15	4.77			
Ashoka Pillar nearby mini vidhana soudha								
Platform	1	3.45	3.40	1.65	19.35			
Tower Footing 1st Steep	1	4.00	4.00	2.50	40.00			
Tower Footing 2nd Steep	1	2.50	2.50	0.80	5.00			
Retaining wall footing								
Footing	1	11.00	2.80	0.40	12.32			
Reraining wall	1	11.00	0.40	4.10	18.04			
Deduct Footing Portion	-1	4.00	0.45	0.40	-0.72			
Column footing	4	1.50	1.50	0.80	7.20			
Stub Column Below Ground	4	0.60	0.60	0.40	0.58			
Plinth Beam	4	6.10	0.4	0.2	0.49			
	1	11.00	0.4	0.2	0.49			
Columns	4	0.40	0.40	2.60	1.66			
Roof Slab								
Beams	4	6.10	0.4	0.45	4.39			
Beams	2	11.00	0.4	0.45	3.96			
roof Slab	1	11.00	6.9	0.2	15.18			
Deduct MS Column ((π x $.6^2$)/2 =1.13 Sqm	-1	1.13		0.2	-0.23			
Guy Wire Below Ground	4	1.2	1.2	1.2	6.912			
for Building Footing	9	1.2	1.2	0.6	7.78			
Plinth bram								
Long Wall	1	9.65	0.2	0.3	0.58			
--do--	1	4.85	0.2	0.3	0.29			
--do--	1	4.75	0.2	0.3	0.29			
Short Wall	3	9.65	0.2	0.3	1.74			
For Compound wall footing	11	1.2	1.2	0.6	9.50			
Column Footings Below Seating Area	8	1.2	1.2	0.6	6.91			
Pedestal	8	0.5	0.5	0.5	1.00			

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For Plinth Beam	2	11	0.2	0.3	1.32			
--do--	2	7	0.2	0.3	0.84			
for Back side Entry Sgtep	1	2.5	0.6	0.3	0.45			
Ground floor Columns	Cum							
Columns for building	9.00	0.30	0.20	4.20	2.27			
For Compound wall footing	2.00	0.30	0.30	2.10	0.38			
Column Footings Below Seating Area	4.00	0.30	0.20	1.40	0.34			
--do--	4.00	0.30	0.20	1.00	0.24			
Ground floor								
Beams	1.00	52.50	0.20	0.45	4.73			
Slab	1.00	9.65	5.45	0.13	6.57			
--do--	1.00	5.15	4.45	0.13	2.86			
Slab for seating Area	1.00	11.00	7.65	0.25	21.04			
Ground floor Lintels								
Lintel	1.00	52.50	0.20	0.15	1.58			
Ground floor Chajja								
	1	9.5	0.6	0.1	0.57			
	1	4.75	0.6	0.1	0.29			
	1	4.45	0.6	0.1	0.27			
Approved Amount	**6058.53**				**332.45**	**6059**	**2014128**	
5 KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and								
75 kgs per Cum	tonnes					34.38		
Approved Amount	**75976.20**					**34.38**	**75976.20**	**2612062**
KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., Removal of form Work etc.., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.9, Pg No 17,Item No 4.36								
Approved Amount	**488.23**					**0.00**	**488.23**	**0**
KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., Removal of form Work etc.., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.9, Pg No 17,Item No 4.36								
Compound Wall								
Column Footings	13	4.00		0.3	15.60			
Plinth								
Ch: 0.00m to 15.00 m	2	15.00		0.15	4.50			
CH: 15.0m to 30.00 m	2	15.00		0.15	4.50			
CH: 30.00 m to 45.00 m	2	15.00		0.15	4.50			
CH: 45.00 to 60.00m	2	15.00		0.15	4.50			
CH: 60.00 to 60.60m	2	0.60		0.15	0.18			
Columns	13	0.86		4.3	48.07			
Stage Platform								
Column Footings	5	4.00		0.35	7.00			
--do-- Pedestal	5	1.60		2.00	16.00			
Plinth								
Long Wall	2	12.20		0.3	7.32			
--do--	2	12.20		0.15	3.66			
Short Wall	4	5.60		0.15	3.36			
Column	3	0.80		3	7.20			
For VIP Gallery								
Column Footing	9	4.00		0.80	28.80			

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Pillar Pedestal								
Plinth	2	13.00		0.3	7.80			
Col. Bet. Br. Lvl.	2	13.00		0.3	7.80			
Col. Below Br. Lvl.	2	13.00		3.5	91.00			
Columns	2	1.60		3.5	11.20			
Columns								
Lintel	2	13.00		0.15	3.90			
Col. Bet. Br. Lvl.	2	13.00		0.15	3.90			
Col. Below Br. Lvl.								
Building near Yelahanka Lake								
Beams	1	13.50		0.8	10.80			
B1 Out Sides	1	13.50		0.6	8.10			
B1 In Sides	2	4.50		0.4	3.60			
B2 Sides	4	3.90		0.4	6.24			
B2 Sides	4	11.95		0.3	10.75			
B3	2	9.00		0.3	5.40			
B3	1	38.40		0.3	14.00			
B3 Out Sides	1	38.00		0.3	8.40			
B3 In Sides	1	41.30			41.30			
Slab (n x 3.25) 2 =43.2 Sqm	1	3.84		0.3	1.00			
Staircase Footing	1	14.95		1.25	18.24			
Waist slab	1	14.95		0.3	4.49			
Slab Side	18	1.25		0.15	3.38			
Risers								
Retaining Wall	2	12.90		1	25.80			
Footing	2	12.90		1.05	27.09			
Pedestal	2	12.90		3.3	85.14			
Wall								
Elephant (Attur Circle)	2	4.00		0.80	6.40			
Column Footings	2	2.00		1.55	6.20			
--do-- Pedestal	2	6.20		0.55	3.33			
Plinth	2	4.00		1.25	5.20			
Columns	2	6.20		0.55	3.33			
Beam	1	10.42		1.1	11.46			
Stage								
Bullock Cart (Kogilu Junction)	1	16.7		0.40	6.68			
for Stage								
Globe near Seshadripuram college	1	6.36		0.65	4.13			
for Stage								
Auto near (BWSSB Office)	1	9.55		0.68	6.50			
for Stage								
Horse Below (Savarkar flyover)	1	8.68		0.80	6.94			
for Stage								
Ashoka Pillar nearby mini vidhana soudha	1	13.70		0.90	12.33			
Platform	4	2.50		0.80	8.00			
Tower Footing 2nd Steep								
Retaining wall footing	2	11.00		0.40	8.80			
Retaining Wall Footing	2	2.80		0.40	2.24			
--do-- Sides								
Retaining wall	2	11.00		4.10	90.20			
Wall								

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--do-- Sides	2	0.40		4.10	3.28			
Plinth Beams (4*2)= 8	8	6.10		0.2	9.76			
--do-- Retaining Wall Portion	2	11.00		0.2	4.40			
Roof Slabs Beams	8	6.10		0.45	21.96			
Roof Slabs Beams	4	11.00		0.45	19.80			
roof Slab	1	11.00	6.9		75.90			
Deduct For Beams	-4	0.40	0.4		-0.64			
for Building Footing	9	4.8		0.6	25.92			
Plinth beam								
Long Wall Sides	2	9.65		0.3	5.79			
--do--	2	4.85		0.3	2.91			
--do--	2	4.75		0.3	2.85			
Short Wall	6	9.65		0.3	17.37			
For Compound wall footing	11	4.8		0.6	31.68			
Column Footings Below Seating Area	8	4.8		0.6	23.04			
Pedestal	8	2		0.5	8.00			
For Plinth Beam	4	11		0.3	13.20			
--do--	4	7		0.3	8.40			
for Back side Entry Step	1	3		0.3	0.9			
Slop Slab	1	11.4	7					
Sides	1	25.4			25.4			
Ground floor Columns	Sqm							
Columns for building	9.00	1.00		2.65	23.85			
For Compound wall footing	2.00	1.20		2.10	5.04			
Column Footings Below Seating Area	4.00	1.00		1.40	5.60			
--do--	4.00	1.00		1.00	4.00			
Ground floor								
Beams	1.00	52.50		0.45	23.63			
Beams long	2.00	9.65		0.30	5.79			
--do--	2.00	9.65		0.30	5.79			
--do--	2.00	4.45		0.30	2.67			
--do--	2.00	5.15		0.30	3.09			
Beams Short	6.00	9.70		0.30	17.46			
Slab	1.00	9.65	5.45		52.59			
--do--	1.00	5.15	4.45		22.92			
Slab for seating Area	1.00	11.00	7.65		84.15			
Lintel	2.00	60.95		0.15	18.29			
Ground floor Chajja								
	1	9.5	0.6		5.70			
	1	4.75	0.6		2.85			
	1	4.45	0.6		2.67			
Sides	1	10.7		0.1	1.07			
--do--	1	5.95		0.1	0.60			
	1	5.65		0.1	0.57			
Approved Amount	**808.30**				**1292.92**	**808**	**1045069**	
KSRB 6-2.3 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructu/re including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, page no.29,item no 6.2 PWD Sr 2018-19								
Elephant (Attur Circle)								

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Total								
Approved Amount	78512				5.80	78512	8042	

Providing and laying Vitrified floor tiles of size 600x600x8mm of approved shade and texture in all floors, walls, skirting, risers of steps, dados, pardis, sunken portion of toilets, urinals, bath, etc. including cutting to required size, shape and pattern, finishing perfectly even, truly vertical, truly horizontal or to proper slopes, as per the direction of Engineer-in-charge, including cement slurry mixed with pigment to match shade of tiles, grouting the joints with white cement and matching pigment, curing, polishing with glazed tiles, including making good the damaged portion, if any, in the existing floor, wall, dado, pardis, etc. and cleaning the surface treated, complete as per specifications. - using 10mm thick white glazed vitrified tiles

Behind Cars (Kogilu Junction)								
Platform Top Slab	1	3.75	2.85		10.69			
Sides	2	2.8		0.45	1.764			
-do-	2	2.6		0.45	1.638			
-do-	2	3.7		0.45	4.662			
Circle near Sadhahalli gate village								
Platform Top Slab	1	3.65	1.7		6.205			
Sides	2	3.65		0.7	5.11			
-do-	2	3.65		0.7	5.11			
Flooring in Edges	1	3.75	0.3		1.125			
-do-	2	8.85	0.3		5.31			
-do- Curve	1	7.85	0.3		2.355			
Auto near (BWSSB Office)								
Platform Top Slab	1	3.85	1.65		6.3525			
Sides	2	3.75		0.75	4.725			
-do-	2	1.85		0.75	1.9875			
House Below (Sivarkar flyover)								
Platform Top Slab	1	3.02	1.52		4.5904			
Sides	2	3.02		0.85	5.134			
-do-	2	1.49		0.85	2.533			
Elephant (Attur Circle)								
Platform Top Slab	1	3.84	1.77		6.8568			
Single Sides	2	3.80		0.82	5.904			
-do-	2	3.72		0.82	5.8228			
Edge Sides Below railing	2	10.53	0.3		6.318			
-do-	1	7.22	0.53		3.8266			
Treads	3	1.85	0.36		2.001			
Risers	4	1.85		0.15	1.11			
Ashoka Pillar nearby mini vidhana soudha								
Platform Top Slab	1	3.57	3.52		12.5664			
Single Sides	2	3.52		0.9	6.336			
-do-	2	3.47		0.9	6.246			
Side 4 Pillars Ashoka Pillar								
Sides (4*4)=16	16	0.80	0.5		4.00			
Top	4	0.5		0.5	1			
Below SS Railing								
Northern Side	1	3.75	0.58		3.94			
Eastern Side	1	3.60	0.58		3.25			
Southern Side	1	3.84	0.58		3.99			
Western Side	1	3.65	0.58		3.28			
Raisers Below Railings								
Northern Side	2	3.75		0.17	1.955			
Eastern Side	2	3.60		0.17	1.904			
Southern Side	2	3.84		0.17	1.9856			
Western Side	2	3.65		0.17	1.921			
Corners Of Pillers Extra Portion Outer	4	1.27	0.26		1.32			

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Sides	4	1.50		0.30	1.50			
Flooring @ Ashoka Pillar								
	2	5.85	1.3		15.21			
	2	3.69	1.3		9.59			
Horse Granite Flooring								
	2	4.85	0.98		9.53			
	2	1.45	0.98		2.85			
Approved Amount	**1498.84**				186.26	**1498.84**	**279180**	

14.55 Providing full nosing for 20 mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification

KBS No 14.55 Dc No. 111

Bullock Cart (Kogilu Junction)								
Platform Top Slab	1	17.10			17.10			
Globe near Seshadripuram college								
Platform Top Slab	1	6.76			6.76			
Flooring in Edges	1	3.72			3.72			
--do--	2	8.30			16.60			
--do-- Curve	1	7.60			7.60			
Auto near (BWSSB Office)								
Platform Top Slab	1	9.96			9.96			
Horse Below (Savarkar flyover)								
Platform Top Slab	1	9.08			9.08			
Elephant (Attur Circle)								
Platform Top Slab	1	10.82			10.82			
Edge Sides Below railing	2	10.55			21.10			
--do--	1	7.22			7.22			
Treads	3	1.85			5.55			
Ashoka Pillar nearby mini vidhana soudha								
Platform Top Slab	1	12.18			12.18			
Side 4 Pillars Ashoka Pillar								
Sides (4*4)=16	16	0.50			8.00			
Top (4*4=16)	16	0.5			8.00			
Below SS Railing					0.00			
Northern Side	2	5.75			11.50			
Eastern Side	2	5.60			11.20			
Southern Side	2	5.84			11.68			
Western Side	2	5.65			11.30			
Corners Of Pillers Extra Portion Outer	4	1.27			5.08			
Approved Amount	**289.06**				**196.45**	**196.45**	**38593**	

Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Pg No. 45 Item No. 4.6 PWD SR 2018-2019)

Globe near Seshadripuram college

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Kuling Sales		1	5.42		0.9	4.88			
-do-		1	7.90		0.9	7.11			
curve		1	6.90		0.9	6.21			
Bemith Sitting Area and Step Area above ground	Cum	1							
Approved Amount	**5757.69**					**18.20**	**5757.69**	**104778**	
12	KSRB 2.11 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead up to 50 m. and lift up to 1.5 m. including cost of all labour complete as per specifications. specification No. KBS 2.9. (P.NO-7, I.NO-2.10 OF PWD SR 2018-2019								
Compound Wall	Cum								
Ch: 0.00m to 15.00 m		1	15.00	1.0	1.55	23.25			
CH: 15.0m to 30.00 m		1	15.00	1.0	1.55	23.25			
CH: 30.00 m to 45.00 m		1	15.00	1.0	1.55	23.25			
CH: 45.00 to 60.00m		1	15.00	1.0	1.55	23.25			
CH: 60.00 to 60.60m		1	0.60	1.0	1.55	0.93			
Footing		13	1.50	1.5	2.2	64.35			
Deduct		-13	1.50	1.0	1.55	-30.23			
Stage Platform									
Long Wall		2	13.00	1.2	1.55	48.36			
Short Wall		2	4.40	1.2	1.55	16.37			
Column Footing		5	1.50	1.5	5.7	64.13			
Stage Back filling		1	11.40	5.2	1.1	65.21			
Deduct Footing		-1	1.50	1.2	1.55	-2.79			
Deduct Footing		-4	1.20	1.2	1.55	-8.93			
For VIP Gallery									
Column Footing		9	1.50	1.5	3.05	61.76			
For SSM		1	28.00	1	1.55	43.40			
Deduct Column		-7	1.50	1	1.55	-16.28			
Retaining Wall		1	12.9	1.5	2.4	46.44			
Deduct Column		-2	0.55	1.5	2.4	-3.96			
(Attur Circle) Elephant									
Column Footing		2	1.50	1.5	2.45	11.03			
Back filling for Platform		1	9.80	6.2	0.80	48.61			
Deduct Quantity									
Soling									
Compound Wall									
Ch: 0.00m to 15.00 m		-1	15.00	1.00	0.2	-3.00			
CH: 15.0m to 30.00 m		-1	15.00	1.00	0.2	-3.00			
CH: 30.00 m to 45.00 m		-1	15.00	1.00	0.2	-3.00			
CH: 45.00 to 60.00m		-1	15.00	1.00	0.2	-3.00			
CH: 60.00 to 60.60m		-1	0.60	1.00	0.2	-0.12			
Footing		-13	1.50	1.50	0.2	-5.85			
For Stage Platform									
Long Wall									
CH: 00.00 to 12.2.00m		-2	13.00	1.2	0.2	-6.24			
Short Wall									
CH: 00.00 to 16.00m		-2	4.40	1.2	0.2	-2.11			
Column Footing		-5	1.50	1.5	0.2	-2.25			
For VIP Gallery									

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Column Footings	-6	1.80	1.5	0.3	-4.05			
For SSM	-1	28.00	1	0.3	-5.60			
Retaining Wall	-1	12.90	1.5	0.3	-3.87			
RCC M20								
Compound Wall								
Ch: 0.00m to 15.00 m	-1	15.00	1	0.15	-2.25			
CH: 15.0m to 30.00 m	-1	15.00	1	0.15	-2.25			
CH: 30.00 m to 45.00 m	-1	15.00	1	0.15	-2.25			
CH: 45.00 to 60.00m	-1	15.00	1	0.15	-2.25			
CH: 60.00 to 60.68m	-1	0.68	1	0.15	-0.10			
Column Footings	-13	1.80	1.5	0.15	-4.39			
Columns								
For Stage Platform								
Long Wall	-2	13.00	1.2	0.15	-4.68			
Short Wall	-2	4.40	1.2	0.15	-1.58			
Column Footings	-2	1.80	1.5	0.15	-1.69			
For VIP Gallery								
Column Footings	-9	1.80	1.5	0.15	-3.04			
For SSM	-1	28.00	1	0.15	-4.20			
Retaining Wall	-1	12.90	1.5	0.15	-2.90			
RCC M20								
Compound Wall								
Column Footings	-13	1.00	1.00	0.3	-3.90			
Columns	-13	0.23	0.2	1.55	-0.93			
For Stage Platform								
Column Footings	-5	1.00	1.00	0.35	-1.75			
-do- Pedestal	-5	0.40	0.40	2.00	-1.60			
For VIP Gallery								
Column Footing	-9	1.00	1.00	0.80	-7.20			
-do- Pedestal	-9	0.80	0.80	1.55	-3.49			
Retaining Wall								
Below RC Wall footing	-1	12.90	1.1	1	-14.19			
Pedestal	-1	12.90	0.6	1.05	-8.13			
Elephant Stage								
Column Footings	-2	1.00	1.00	0.80	-1.60			
-do- Pedestal	-2	0.80	0.8	1.55	-0.78			
SSM								
Compound Wall								
SSM 1st Step								
Ch: 0.00m to 15.00 m	-1	15.00	0.75	0.4	-4.50			
CH: 15.0m to 30.00 m	-1	15.00	0.75	0.4	-4.50			
CH: 30.00 m to 45.00 m	-1	15.00	0.75	0.4	-4.50			
CH: 45.00 to 60.00m	-1	15.00	0.75	0.4	-4.50			
CH: 60.00 to 60.68m	-1	0.60	0.75	0.4	-0.18			
SSM 2nd Step								
Ch: 0.00m to 15.00 m	-1	15.00	0.60	0.4	-3.60			
CH: 15.0m to 30.00 m	-1	15.00	0.60	0.4	-3.60			
CH: 30.00 m to 45.00 m	-1	15.00	0.60	0.4	-3.60			
CH: 45.00 to 60.00m	-1	15.00	0.60	0.4	-3.60			
CH: 60.00 to 60.68m	-1	0.60	0.60	0.4	-0.14			
SSM 3rd Step								
Ch: 0.00m to 15.00 m	-1	15.00	0.40	0.4	-2.40			
CH: 15.0m to 30.00 m	-1	15.00	0.40	0.4	-2.40			

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CH: 30.00 m to 45.00 m	-1	15.00	0.40	0.4	-2.40			
CH: 45.00 to 60.00m	-1	15.00	0.40	0.4	-2.40			
CH: 60.00 to 60.60m	-1	0.60	0.40	0.4	-0.10			
For Stage Platform								
SSM 1st Step								
Long Wall	-2	12.20	0.75	0.4	-7.32			
Shortwall	-2	4.85	0.75	0.4	-2.91			
SSM 2nd Step								
Long Wall	-2	12.20	0.6	0.4	-5.86			
Shortwall	-2	5.00	0.6	0.4	-2.40			
For VIP Gallery								
SSM 1st Step								
Ch: 0.00m to 15.00 m	-1	15.00	0.75	0.4	-4.50			
Ch: 15.00m to 28.00 m	-1	13.00	0.75	0.4	-3.90			
SSM 2nd Step								
Ch: 0.00m to 15.00 m	-1	15.00	0.6	0.4	-3.60			
Ch: 15.00m to 28.00 m	-1	13.00	0.6	0.4	-3.12			
SSM 3rd Step								
Ch: 0.00m to 15.00 m	-1	15.00	0.4	0.4	-2.40			
Ch: 15.00m to 28.00 m	-1	13.00	0.4	0.4	-2.08			
Excavated Earth								
MS Column Footing	2	4.00	1.50	1.50	18.00			
	2	1.00	1.50	1.50	4.50			
Excavation for Column footing								
	4	1.50	1.1	0.55	3.63			
Retaining Wall								
	1	11.50	1.10	1.80	22.77			
Approved Amount	**215.19**				**353**	**215**	**75871**	
3 Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	Sqm							
Site cleaning, Lake Area	1	18.15	21.25	0.5	192.84			
	1	21.6	25.2	0.45	244.94			
	1	24.25	23.8	0.45	259.72			
Removal of Debris At Attur Circle (For Elephant Statue)	1	6.00	2.75	0.45	7.43			
	1	3.53	3.50	0.45	5.56			
For Sand Pit Behind Auto, Tractor and Car	1	20.65	0.50	0.75	7.74			
Inside Sand Pit	1	19.80	2.37	0.35	16.42			
For Walkway Pavers .	1	1.70	2.85	0.30	1.45			
	1	23.70	2.00	0.30	14.22			
	1	4.00	8.90	0.30	10.68			
	1	2.10	8.00	0.30	5.04			
	1	1.10	2.10	0.30	0.69			
Deduct	-1	2.40	1.00	0.30	-0.72			
Side Pillars for Ashoka Pillar	4	0.60	0.60	0.45	0.65			
All round Ashoka Pillar for Granite	4	5.80	0.50	0.45	5.22			
Horse Granite Flooring	2	4.87	0.96	0.20	1.87			
	2	1.47	0.96	0.20	0.56			
Horse Grass Laying	1	14.00	7.00	0.20	19.60			
Deduct Horse , Bull and Granite	-2	4.87	3.40	0.20	-6.62			
Flyover Column	-1	1.60	1.60	0.20	-0.51			

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		3	10.55	1.05	0.35	4.13			
Elephant Gates		2	0.55	3.05	0.35	1.93			
		1	9	8	0.35	14.91			
						806.91	88.08	81784	
Approved Amount	88.08								

KSRB 5.14.1 Providing and constructing load bearing wall with solid concrete blocks of size 400X200X300mm having block density not less than 1800kg/m3 having a minimum average compressive strength 3.0(N/mm2 confirming to IS 2185 (part 1) 2005 and constructed with cement mortar 1:4 as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications KBS No 9.4, Pg No. 27 Item No. 5.27.1

	Cum							
CH: 00.00 to 15.0 m	1	13.00		3.375	43.88			
CH: 15.0m to 30.00 m	1	13.00		3.175	41.28			
CH: 30.00 m to 45.00 m	1	13.00		2.7	35.10			
CH: 45.00 to 60.00m	1	13.00		2.75	35.75			
CH: 60.00 to 60.60m	1	0.60		2.75	1.65			
Deduct Columns	-13	0.23		2.805	-8.39			
Stage Platform	1	12.20		3	36.60			
Long Wall	-3	0.23		3	-2.07			
Deduct Columns								
VIP Gallery	1	15.00		2.5	37.50			
CH: 00.00 to 15.0 m	1	13.00		2.5	32.50			
CH: 15.0m to 28.00 m								
Deduct	-1	1.35		2.8	-3.78			
Door	-2	1.80		1.6	-5.76			
Window	-1	28.00		0.2	-5.60			
lintel	8	0.40		0.5	1.60			
Ashoka Pillar Columns (4*2)=8	1	20.65		0.55	11.36			
Sand Pit	1	35.15		0.95	33.39			
Lakeside Building Parpet wall All Round								
					298.13	976.39	291088	
Approved Amount	976.39							

15 KSRB15-1.5 : Providing rough cement plastering 15 mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KBS No.15.1.5 Pg No. 115 Item No. 15.6

	Sqm							
Compound Wall								
Back Side								
CH: 00.00 to 15.0 m	1	15.00		3.075	46.13			
CH: 15.0m to 30.00 m	1	15.00		2.975	44.63			
CH: 30.00 m to 45.00 m	1	15.00		2.825	42.38			
CH: 45.00 to 60.00m	2	15.00		2.8	84.00			
CH: 60.00 to 60.60m	2	0.60		2.85	3.42			
Wall Side	1	0.20		3	0.60			
--do--	1	0.20		2.75	0.55			
Elephant stage								
Stage Sides	2	10.55		0.6	12.66			
front	1	5.37		0.6	3.22			
Columns	2	0.73		3.75	5.48			
Beam	1	6.70		0.73	4.89			
Approved Amount	221.61				247.94	221.61	54948	

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	KSRB 15-6 : Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing complete as per specifications. KBS No.15.6, Pg No. 117 Item No. 15.32								
		Sqm					0.00		
				0					
							0.00	20.34	0
	Approved Amount	**20.34**							
17	KSRB 15-53.2 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer								
		Sqm	0	2	0	0	0		
							0.00	109	0
	Approved Amount	**109.20**							
18	KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, KPWD SOR 2016-17 , Sl No 9.22, Page no 54								
		Sqm	0				0		
							0.00	4589	0
	Approved Amount	**4589.44**							
9	KSProviding vitrified tiles 60 x 60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cemnt using colour pigment, including cost of materials, labour, curing complete as per specification. (P.No:109, I.No:14.45 PWD SR 2018-2019)								
		Sqm	0				0		
	Tiles Flooring	1	19.20	5.4		103.68			
	Curve	1	3.45	1.5		5.18			
	--do--	1	3.75	1.5		5.63			
	Deduct Stage	-1	5.7	2.8		-15.96			
	Globe near Seshadripuram college								
	Tiles Flooring	1	8.30	5.1		42.33			
	Curve	0.5	5.10	1.5		3.83			
	Deduct Stone	-1	0.45	0.45		-0.20			
	Approved Amount	**1045.35**				**144.47**	**1045**	**151024**	
I	**Electrical Works for the Room below VIP Gallery Area, Gallery area and Sitting area**								
0	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system								
	Short point upto 3m	Point	0					202	0
1	Medium point above 3m - 6m	Point	0					278	0
2	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick								
	25mm dia, 2mm thick	Rm	0					54	0
3	32mm dia, 2mm thick	Rm	0					84	0
4	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal								
	25mm dia, 2mm thick	Rm	0					55	0
5	32mm dia, 2mm thick	Rm	0					82	0
6	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch								
	1 - 3 Way	Each	0					96	0
7	4 - 5 Way	Each	0					106	0
8	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or								
	16Amps Combined switch and socket with indication	No	0					196	0
9	Electronic stepped regulator.	No	0					152	0
0	Supplying and fixing Metal Fan Box with Round Hook item no-2.5.3,Item 2.5.4 page no-3, PWD SR 2018-19.								

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	Item 2.5.3		0					45	0
	Item 2.5.4		0					86	0
31	Item 1.12	Each	0						
32	Supplying and fixing of Group A, regular MCB distribution boards on wall/woodboard/flush mounting using 12 way SP & N	Nos	0					1222.1	0
33	Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing 5-32 AMPS DP	Nos	0					918	0
34	Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 Gallery area, room below gallery area, and sitting area	Each	0					379	0
35	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand 2.5 sqmm	Rm	0					32	0
	4 sqmm	Rm	0					45	0
36	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230								
37	48" sweep (1200 mm) SR 2018-19.	Each	0					2111	0
a	16/6 Amps combined plug and socket	No	0					223.41	0
38	with control switch item 155 page no-11 SR 2018-19.							101	0
39	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable item 6.7,page no- 41 SR 2018-19.	Mtr	0						
40	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal							6868	0
	LED Flood light 70W (Stage-2no's)	Each	0					8888	0
41	LED Flood light 120 W (at Theme Statues - 2 no,)	Each	0					10352.5	0
42	LED Flood light 150W (around the car Park -6 no's)	Each	0						
43	Providing of Hollow Structural Pipe of 600 mm dia with 10 mm hickness for mounting the cars as per directions of Engineer Incharge weighing about 147.63 kgs per Metes with all necessary joints with baseplate and nut bolt system including painting **(As per Data Rate including GST)**								
	MS Column =(8NosX 4m), considering 147.63 kgs per meter	Kgs	32	147.63 kg /M			4089.35		
	Rate including GST						**4089.35**	**209.8**	**857852**
	Total								
44	Providing of base plate with 10 mm thickness for mounting the cars as per directions of Engineer Incharge about 147.63 kgs per Meter **(As per Data Rate including GST)**								
	Base Plate (1400X1400X10 mm) for footing- 60 kgs per Plate	Kgs	1			60	60		
	Car Mounting cantilever Plate (1200X1200X10mm) -40 kgs per Plate	Kgs	9			40	360		
	Total					**Kgs**	**420**	**151.4**	**62958**
45	Providing and Fixing of L= 900 mm Nut with Double bolt of 38 mm dia wieghting 1.0 kg each s per directions of Engineer Incharge **(As per Data Rate including GST)**								
	20 nuts and bolts at base plate	Kgs	20		1 kg		20		
	12 nuts and bolts for joining of pipes at 9 locations (L=0.15m) weighing amount 0.5kg per no.	Kgs	108		0.5 kg		54		

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	12 nuts and bolts for joining of Cars chasis to the cantilever plate at 9 locations (L=0.15m) weighing amount 0.5kg per no.	Kgs	108		0.5 kg		52		
							126	389	48995
	Total								
46	Fixing and Errection of the 600 mm dia MS Column, Cars in vertical levels using the high strength Hydraulic Boomer Vehicles, upto 30 meter height, making hole and fixing with the Nut Bolt for car chasis to Cantilever Plate. High Strength Good Qulity Welding of MS Coulmns and Cars Mounting canteer Plate as per IS Standards (1200X1200X10 mm), including all necessary items and errection for complete work and as per Engineer In charge (As per Data Rate including GST)								
	AT 9 locations	No's	9				9		
							9	80549	724937
	Total								
47	Providing and fixing of Guy Rope with Stiffening tixing to MS Columns and Anchored to anchored Pipe with all the necessary hooks, bolts fixtures including all necessary items and errection for complete work and as per Engineer In charge **(As per Data Rate including GST)**								
	Guy Rope of 4 no's fixing , coulmn to Anchoring Pipe in four directions at diiferent locations	Rms	4	30			120		
							120	1136	136350
	Total								
48	Proving and fixing of artistic monumental flower at the top of about 2 meters height with all the necessary joints,hooks, bolts fixtures including all necessary items and errection for complete workand as per Engineer In charge **(As per Data Rate including GST)**								
		No's	1				0		
							0	69559	0
	Total								
49	KSRB 4-6.9 : Providing and placing the ornamental colourful pebbels all round the curve shape inside the VIP Gallery upto 1.2 m height and 0.5 m width and also with Fabricating with 5 mm dia encasement with 20 mm spacing with all necessary L Angles **(As per Data Rate including GST)**								
		m	1	0		0	0.00		
							0.00	4814.67	0
	Total								
50	Providing and fixing the vertical Coulmn with Base base plate at Top and bottom with proper Welding and also welded as shown in the drawing/as directed by Engineer in Charge consisting of M.S Steel tubees for vertical - 2"X 2"- 4 no's (2 feet X 2 feet Size)-vertical-MS Steel Tubes, 2" X 2"-4no's (2 feet X 2feet Size)-horizontal,1.5"X0.75"- MS Steel Tubesno's (inclined 2.5")-horizontal with complete necessary items as per IS codes, including painting with iron gutter with PVC fittings draing out the water (As per Data Rate including GST)								
	For 7 Verticle Columns								
51	2"X 2"-4 no's (2 feet X 2 feet Size)-complete (L)	meters	0			3.1	0	398.95	0
51	2" X 2"-4no's (2 feet X 2 feet Size)-horizontal	meters	0			2.4	0	398.95	0
52	1.5"X0.75"- 4no's (inclined 2.5")-inclined 5x4x2	meters	0			0.32	0	308.05	0
	Total for 7 columns								
53	Providing and fixing the of roof truss with proper Welding and also welded as shown in the drawing/as directed by Engineer in Charge consisting of 2"X 2"-4 no's (2 feet X 2feet Size)-vertical-MS Steel Tubes,2" X 2"-4no's (2 feet X 2feet Size)-horizontal,1.5"X0.75"- 8 no's (inclined 2.5")-horizontal with complete necessary items as per IS codes, including painting (As per Data Rate								
	For truss length of 61 meters on top								
	2"X 2"-4 no's (2 feet X 2 feet Size)-vertical-	meters	0			61.4	0.00	398.95	0
54	2" X 2"-4no's (2 feet X 2feet Size)-horizontal	meters	0			2.40	0.0	398.95	0

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	1.5"X0.75"- 4no's (inclined 2.5")-inclined	meters	0			0.75	0.00	308.05	0
									0
56	Providing and fixing the support in between trusses with proper Welding and also welded as shown in the drawing/as directed by Engineer in Charge consisting of 2"X2"-4no's (2 feetX 2 feet Size)-vertical-, 2"X2"-vertical no's (2 feetX 2feet Size)-horizontal with complete necessary items as per IS codes including painting (As per Data Rate including GST)								
	For truss length of 34 meters								
	2"X2"-4no's (2 feetX 2 feet Size)-vertical-	meters	0	34			0	398.95	0
57	2"X2"-vertical no's (2 feetX 2 feet Size)-horizontal	meters	0	0.6			0	398.95	0
	Total	**meters**							0
58	Providing and fixing the perlinsWelding and also welded as shown in the drawing/as directed by Engineer in Charge consisting of 1.5" X 0.75"with complete necessary items as per IS codes , including painting **(As per Data Rate including GST)**								
	1.5"X0.75"	meters	0				0		
	Rate includinmg GST	meters						222.2	0
	Total	meters					0		
59	Supplying and fixing new Mangalore tiles on existing reepers including cost of materials, labour, HOM complete as per specifications. Item no.37.9 Page no. PWD SR-2018-19								
		Nos	158.18				158.18		
	Total						**158.18**	**435.7**	**68921**
60	KSRB 15-16.1 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer								
	item No.15.53.2 Page No. SR 2018-19								
		Sqm	0		157		0.00		
							0.00	109.20	0
	Total								
61	KSRB 2-2.1-Earthwork excavation for foundation buildings, water supply, sanitary lines & electrical of conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(a)/2.3.5 item no 2.3, page no-6 PWD sr 2018-19								
	Earthwork excavation								
	For column excatavtion	cum	0				0.00		
	for SSM foundation	cum	0				0		
	Base Rate	cum							
							0.00	326.15	0
62	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100 mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	Soling								
	For column excatavtion	cum	0				0.00		
	for SSM foundation	cum	0				0.00		
	Base Rate	cum							
							0.0	2502.36	0

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63	KSRB 4.1.2 Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 230kgs. with 40 mm and down size graded granite metal coarse aggregates @ 0.893cum and fine aggregates @ 0.465cum machine mixed, machine mixed concrete laid in layers not exceeding 15cms. Thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 item no-4.2, page no-13,								
	PCC								
	Side Pillars for Ashoka Pillar	4	0.60	0.60	0.10	0.14			
	Inside Sand Pit	1	19.80	3.37	0.15	7.04			
	(Ashoka pillar)								
	Pillar Internal Concrete for Stability (π x 0.9²)/2 =2.54 Sqm	1	2.54		1.3	3.30			
	Coping Concrete								
	For Vidhansoudha Grill On Foundation								
	East Side	1	56.8	0.45	0.1	2.56			
	Western side	1	105.5	0.45	0.1	4.75			
	Outer park side	1.00	15.00	1.20	0.15	2.70			
	Back side	1.00	11.10	1.40	0.15	2.33			
	Pcc in front of steps	1.00	8.25	10.50	0.15	12.96			
	PCC inside the building								
	Room	1.00	6.10	5.05	0.15	4.62			
	--do--	1.00	2.35	1.65	0.15	0.58			
	--do--	1.00	2.95	5.05	0.15	2.24			
	--do--	1.00	2.30	1.65	0.15	0.57			
	--do--	1.00	2.30	2.50	0.15	0.86			
	Passage	1.00	0.80	2.50	0.15	0.30			
	Toilet	2.00	1.45	1.20	0.15	0.52			
						45.50	5665.62	257808	
	Total								
64	KSRB 5.3.3 Providing and constructing granite/ trap/ basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. K.B.S 5.1.13 item no-5.9, page no-25, PWD sr 2018-19.								
	All round Ashoka Pillar for Beam	4	5.60	0.45	0.40	8.96			
	For Vidhansoudha Grill Below Ground								
	East Side	1	56.8	0.55	0.5	15.62			
	Western side	1	105.5	0.55	0.45	26.11			
	For Vidhansoudha Grill Above Ground								
	East Side	1	56.8	0.45	0.3	7.67			
	Western side	1	105.5	0.45	0.3	14.24			
	Stage								
	for stage	1.00	7.10	0.75	0.25	1.33			
	for steps	5.00	1.30	0.30	0.15	0.29			
	--do--	2.00	4.80	0.25	0.75	1.80			
	for Compound wall								
	1st Step	1.00	36.00	0.60	0.45	9.72			
	2nd Step	1.00	36.00	0.45	0.45	7.29			
	Plinth beam								
	Long Wall	1	6.65	0.45	0.45	1.35			
	--do--	1	2.45	0.45	0.45	0.50			
	--do--	1	4.3	0.45	0.45	0.87			
	Short Wall	3	7.25	0.45	0.45	4.40			

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